

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 23645 | half near (shell or coil) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:34 |
| L2 | 194627 | "335"/\$.ccls. or "324"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:34 |
| L3 | 681 | 1 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:33 |
| L4 | 19525 | half adj (shell or coil) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:34 |
| L5 | 495 | 2 and 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:34 |
| L6 | 7237 | "335"/299.ccls. or "324"/309-320.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:01 |
| L7 | 165 | 1 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:36 |
| L8 | 99 | 4 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 16:42 |

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|-----|---------|--|---|----|-----|------------------|
| L9 | 92824 | fourier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:43 |
| L10 | 35 | 8 and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:53 |
| L11 | 105 | 9 and 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 16:53 |
| L12 | 1679650 | magnetic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:53 |
| L13 | 78 | 11 and 12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:54 |
| L14 | 43 | 13 not 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 16:54 |
| L25 | 12 | (US-20040189303-\$ or US-20020057087-\$).did. or (US-6078177-\$ or US-5952830-\$ or US-5497089-\$ or US-5977771-\$ or US-6262576-\$ or US-6720768-\$ or US-5708360-\$ or US-6788057-\$ or US-6351200-\$ or US-5847503-\$).did. | US-PGPUB; USPAT | OR | OFF | 2006/11/11 17:07 |
| L26 | 6 | 11 and 25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 17:07 |

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| L27 | 451 | semicylindrical adj (shell or coil) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 17:51 |
| L28 | 942 | semi-cylindrical adj (shell or coil) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 17:51 |
| L29 | 1278 | 27 or 28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 17:52 |
| L30 | 6 | 6 and 29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 17:56 |
| L31 | 1906936 | magnet magnetic magnetically | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 17:57 |
| L32 | 122 | 29 and 31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 17:58 |
| L33 | 4 | 9 and 32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 17:58 |
| L34 | 9990 | "335"/299.ccls. or "324"/309-320.ccls. or 335/216.ccls. or 335/301.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:09 |

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| L35 | 3326 | open adj coil | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 18:09 |
| L36 | 4061 | open adj coil | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:10 |
| L37 | 41 | 6 and 36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:35 |
| L38 | 0 | ("2005/0046532").URPN. | USPAT | OR | OFF | 2006/11/11 18:27 |
| L39 | 1 | (coil and (half adj (cylindrical cylinder) or semicylindrical or semicylinder) and (magnetic or magnet or magnetically) and (sinusoidal or fourier) and (optimization or optimize or optimising)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:30 |
| L40 | 4 | (coil and (half adj (cylindrical cylinder) or semicylindrical or semicylinder) and (magnetic or magnet or magnetically) and (optimization or optimize or optimising)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:32 |
| L41 | 5 | (coil and (half adj (cylindrical cylinder) or semicylindrical or semicylinder) and (magnetic or magnet or magnetically) and (optimization or optimize or optimising or fourier or sinusoidal)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:33 |
| L42 | 200 | (coil and (half adj (cylindrical cylinder) or semicylindrical or semicylinder) and (magnetic or magnet or magnetically) and (optimization or optimize or optimising or fourier or sinusoidal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/11 18:34 |
| L43 | 76 | 10 or 37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 18:35 |

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|-----|--------|---|---|----|-----|------------------|
| L44 | 198 | 42 not 43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/11 18:35 |
| S1 | 25 | ("4646024" "5266913" "5309107" "5334937" "5502545" "5532793" "5761567" "5893657" "5970274" "6011936" "6118274" "6351123").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/12 20:29 |
| S2 | 50 | ("4337823" "4774429" "4782298" "4983963" "5442290" "5448214" "5587852" "5786763" "5947404" "6092405" "6130538" "3841133" "4246322" "4253493" "4262320" "4330773" "4345227" "4345231" "4355305" "4404500" "4422596" "4458379" "4479162" "4523167" "4528466" "4533891" "4534237" "4588972" "4613781" "4771218" "4772824" "4790353" "4793485" "4836514" "4852422" "4881322" "4885658" "4890082" "4928454" "4971508" "5191288" "5197449" "5217438" "5221902" "5227728" "5246501" "5302102" "5321376" "5352871" "5357958").pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/12 20:42 |
| S3 | 9 | ("4794338" "4853663" "4978920").PN. OR ("5266913").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/12 21:32 |
| S4 | 9 | ("4794338" "4853663" "4978920").PN. OR ("5266913").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/12 21:39 |
| S5 | 13 | ("4617516" "4652826" "4724412" "4896129" "5266913").PN. OR ("5323135").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/12 21:43 |
| S6 | 433802 | optimization optimize optimizing (least near squares) (simulated near annealing) (genetic near algorithm) (gradient near descent near algorithm) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 14:36 |
| S7 | 4015 | 335/299.ccls. or 335/301.ccls. or 324/318-320.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 14:38 |

EAST Search History

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|-----|--------|--|---|----|-----|------------------|
| S8 | 121161 | current near (density or distribution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 14:38 |
| S9 | 576477 | amplitude | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 14:39 |
| S10 | 687515 | S8 or S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 14:39 |
| S11 | 0 | S6 with S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 14:39 |
| S12 | 3909 | S6 with S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:32 |
| S13 | 52 | S7 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 14:39 |
| S14 | 0 | ("2005/0046532").URPN. | USPAT | OR | OFF | 2006/03/14 14:41 |
| S15 | 1556 | stream near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/14 15:49 |
| S16 | 1739 | stream adj function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 15:49 |

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|-----|--------|---|---|----|-----|------------------|
| S17 | 48 | S7 and S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:26 |
| S18 | 1 | (open near geometry) near coil | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 16:27 |
| S19 | 6923 | open near coil | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:31 |
| S20 | 5 | S12 and S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/14 16:32 |
| S21 | 9 | ("4926125" "5036282" "5497089" "5581187" "5977771" "6144204" "6154110" "6563315").PN. OR ("6788057").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/15 09:10 |
| S22 | 10 | ("4926125" "5036282" "5402094" "5555251").PN. OR ("5977771").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/15 09:13 |
| S23 | 15 | ("4758813" "4878023" "5177442" "5185576" "5185577" "5278504" "5378989").PN. OR ("5497089").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/15 09:15 |
| S24 | 18770 | open near2 coil | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:31 |
| S25 | 433802 | optimization optimize optimizing (least near squares) (simulated near annealing) (genetic near algorithm) (gradient near descent near algorithm) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:32 |

EAST Search History

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|-----|--------|--|---|----|----|------------------|
| S26 | 121161 | current near (density or distribution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:32 |
| S27 | 576477 | amplitude | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:32 |
| S28 | 687515 | S26 or S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:32 |
| S29 | 3909 | S25 with S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:33 |
| S30 | 11 | S24 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:35 |
| S31 | 45 | coil near2 (half near (cylinder or cylindrical)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:36 |
| S32 | 1 | S25 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 11:37 |